MONTHLY BULLETIN

OF

THE OBSERVATORY

QC
990
.L4
M6
1950

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

January 1950

ROBERT W. SLOANE, DIRECTOR

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Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

JANUARY 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.4	63.4	63.2	64.0	16.1	11.3	13.3	14.4	12.6	13.4
2	62.1	60.3	61.1	61.2	16.2	12.0	14.9	14.9	13.6	14.5
3	62.5	60.3	58.7	60.5	18.3	12.2	12.4	15.5	15.2	14.4
4	56.1	53.4	54.3	54.3	21.7	15.1	18.3	21.3	21.1	20.3
5	52.9	51.9	58.1	54.3	19.5	10.1	18.7	17.0	14.6	16.8
6	64.9	66.3	67.9	66.4	14.5	9.4	13.4	14.1	11.0	12.8
7	68.6	66.4	64.2	65.7	15.7	10.5	11.8	14.3	12.9	13.0
8	62.2	60.2	60.2	60.9	15.1	11.9	12.3	14.7	12.8	13.3
9	59.1	58.4	61.0	59.5	15.0	8.8	13.1	13.5	12.2	12.9
10	65.0	64.4	64.1	64.5	15.0	11.1	10.8	14.1	12.4	12.4
11	62.2	59.1	58.3	59.9	16.9	11.9	12.2	16.1	14.9	14.4
12	58.2	57.7	58.6	58.2	15.0	10.6	13.3	13.4	10.8	12.5
13	55.9	55.8	58.7	56.8	11.7	7.6	11.4	10.4	8.8	10.2
14	63.1	63.2	64.9	63.8	11.7	6.3	8.8	8.3	7.2	.83
15	65.0	63.4	64.0	64.1	11.1	7.1	7.7	9.1	8.2	8.3
16	62.3	61.7	63.6	62.5	13.4	7.3	9.9	12.4	10.6	11.0
17	69.4	69.6	70.2	69.7	12.7	8.1	10.2	12.2	8.9	10.4
18	70.3	68.7	68.9	69.3	15.0	10.1	11.1	14.3	12.0	12.5
19	63.6	66.9	65.0	64.2	16.7	11.1	12.3	15.7	12.8	13.6
20	58.2	61.1	58.8	58.6	18.7	9.4	14.4	18.2	14.4	15.7
21	57.7	56.0	54.7	56.1	15.3	9.2	12.1	13.3	10.8	11.1
22	54.9	56.1	58.6	56.5	15.3	8.9	13.6	14.9	12.7	13.7
23	60.1	59.6	60.4	60.0	14.0	9.4	11.1	12.2	12.3	11.9
24	62.2	62.2	62.6	62.3	13.2	9.4	11.6	12.2	11.1	11.6
25	62.2	60.6	60.1	61.0	11.1	7.2	10.4	11.1	9.3	10.3
26	60.0	59.3	60.0	59.8	8.8	1.5	8.5	10.5	1.9	7.0
27	63.2	63.7	65.2	64.0	7.8	4.9	4.9	6.9	6.5	8.1
28	67.0	66.6	66.8	66.8	10.9	6.8	7.8	8.2	7.2	7.7
29	97.1	65.9	66.9	66.6	14.9	9.1	10.6	13.8	10.7	11.7
30	67.7	66.6	66.8	67.0	15.2	9.1	12.1	14.4	10.5	12.3
31	64.7	61.4	60.3	62.1	15.8	9.3	12.2	14.9	10.9	12.7
	62.35	61.48	62.07	62.00	14.59	9.25	11.78	13.43	11.32	12.18

Barometer, range for month 770.3 mm. — 751.9 mm.

,, 71-yr. average for month 763.184 mm.

Thermometer, range for month 21.7°C — 1.5°C

,, 71-yr. average for month 13.72°C.

Rain, total for month 168.67 mm.

,, 71-yrs average for month 190.28 mm.

,, Tolal, Sept. 1st. to end of month 457.45 mm.

,, 71-yr. average, Sept. 1st. to end of month 564.55 mm.

JANUARY 1950

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	10.5	11.5	10.5	10.8	69	70	71	70	6.7	193	
2	14.0	15.0	13.8	14.3	82	55	53	63	1.8	298	8.89
3	13.5	14.5	13.5	13.8	92	81	80	84	1.1	338	2.54
4	11.3	11.1	11.1	11.2	53	44	44	47	1.3	426	
5	13.9	16.3	11.5	13.9	65	82	70	72	3.2	1368	34.55
6	8.5	8.3	8.8	8.5	56	53	66	58	4.1	322	2.29
7	8.8	9.6	8.7	9.0	65	60	62	62	6.6	106	
8	12.8	12.0	12.8	12.5	91	73	87	84	3.4	443	1.27
9	11.4	10.5	9.2	10.4	76	70	64	70	2.1	621	
10	8.1	10.1	9.6	9.3	62	65	68	65	7.2	441	
11	13.7	14.1	14.5	14.1	96	77	85	86	3.5	620	18.80
12	12.1	13.5	13.4	12.8	88	88	93	90	3.7	509	12.45
13	12.1	10.1	7.6	9.9	90	77	66	78	3.8	645	2.54
14	6.4	6.8	6.6	6.6	56	63	65	61	4.6	718	
15	5.7	7.6	9.3	7.5	53	68	83	68	6.5	219	
16	8.5	7.9	7.5	8.0	66	54	61	60	5.8	224	
17	8.1	7.9	8.4	8.1	65	55	74	65	8.7	143	
18	8.3	11.0	10.5	9.9	63	67	74	69	7.4	114	
19	9.3	11.6	10.5	10.5	65	65	71	67	6.1	140	
20	7.0	9.8	10.6	9.1	42	47	65	51	8.9	509	
21	11.1	13.4	12.3	12.3	79	87	97	88	0.7	808	27.18
22	11.9	10.6	11.0	11.2	76	63	73	71	1.8	853	23.62
23	11.4	12.8	12.8	12.3	86	92	89	89	2.3	398	19.05
24	12.7	10.1	9.6	10.8	93	71	71	78	3 1	435	10.16
25	7.6	7.9	6.0	7.2	60	60	51	57	8.1	488	
26	4.9	1.2	6.5	4.2	47	7	96	50	7.1	547	2.29
27	4.7	3.3	4.7	4.2	51	35	51	46	8.4	330	1.52
28	6.3	8.5	6.9	7.2	60	77	68	68	4.2	154	1.52
29	7.0	8.3	7.9	7.7	55	51	62	56	3.7	140	
30	8.6	11.5	9.2	9.1	60	70	72	67	3.3	185	
31	6.2	5.6	7.1	6.3	43	31	54	43	8.4	165	
	9.60	10.07	9.73	9.81	67.9	63.1	70.5	67.2	4.76	416.0	5.44

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

JANUARY 1950

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	30:20		
1	5ci-st	6cu-ci	0	3.7	1se	1ne	1ne	light	
2	10cu-ni	10-ni	7cu	9.0	2sw	2sw	1nw	„	
3	10cu-ni	10cu-ni	7cu	9.0	1se	3sw	2sw	„	
4	7cu-st	10cu-st	10st	7.0	1s	3sw	4sw	slight	W at night ;Tr. am.
5	6cu	10cu-ni	4cu	6.7	3sw	7sw	7sw	rough	G., T all day
6	8cu-ni	7cu	2cu-ci	5.7	6nw	2n	2n	moderate	
7	9ci	10ci	10cu-st	9.7	1se	2n	1n	light	
8	10cu-st	4st-cu	8st-ni	9.8	1sw	2n	1n	„	
9	10st	10st	2cu	7.3	4n	5n	4n	moderate	Tr. a. m
10	7st-ci	5cu-ci	5cu-ni	5.7	2se	1w	1sw	light	Tr. p. m
11	10cu-ni	9cu	6cu	8.3	1s	1sw	4sw	slight	
12	8cu-ni	10ni-cu	10cu-ni	9.3	1sw	2w	2sw	„	
13	10cu-ni	10cu-ni	5cu-ni	8.3	3n	3ne	5ne	„	
14	3cu-ci	5cu-ci	0	2.7	4ne	4ne	4nw	mod.	
15	1ci	5ci-st	10ci-st	5.3	2n	3n	2n	slight	
16	9cu-st	8st-ci	2st	8.7	1s	2ne	4n	light	
17	1cu	0	0	0.3	1se	1ne	1ne	„	
18	4ci-st	3ci	3ci	3.3	1se	1ne	0	calm	
19	5ci	5cu-ci	3ci	4.3	1se	2ne	1ne	light	
20	0	0	2cu	0.7	2s	2sw	2sw	light	T. at night
21	9ni	10cu-ni	10ni	9.7	3sw	4sw	3sw	mod.	Thunder a.m. T.
22	7cu-ni	5cu	2cu	4.7	5w	4w	4w	rough	at night; W. Hail
23	4cu-st	8cu-ni	7cu	6.3	1sw	3sw	1sw	slight	W.
24	8cu	10cu	10cu-ni	9.3	1e	2ne	4ne	„	
25	2ci-cu	2cu-ci	0	1.3	3ne	2ne	3ne	slight	
26	7cu-ci	3ci	8cu-ni	6.0	3ne	4ne	2ne	mod.	
27	4cu-st	0	7cu-st	3.7	3ne	3ne	2ne	slight	
28	9cu-st	9cu-st	4st-cu	7.3	1se	1se	0	light	Tr. p.m.
29	9cu-st	5st-cu	0	4.7	1se	1ne	1ne	„	
30	8st-cu	9cu	1cu	6.0	1se	3nw	1nw	„	
31	7ci	6ci	7ci	6.7	1se	1w	0	calm	
				6.13					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	4	1	11	4	7	0	1	0	31
14:30	5	12	0	1	0	8	4	1	0	31
20:30	6	9	0	0	0	9	1	3	3	31
Total	14	25	1	12	4	24	5	5	3	93

Number of days with rain 15, fog 0, thunderstorms 3, gale 1.

71 yr. av. number of days with rain during month 15.67